

DNAxPAb

Hard-to-Find
Antibody

SHOX2 DNAxPab

Catalog # H00006474-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SHOX2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEELTAFVSKSFDQKVKEKKEAITYREVLESGPLRGAKEPTGCTEAGRDDRSSPAVRAAGGGGGGGGGGGGGGGGGGGVGGGGAGGGAGGGRSPVRELDMGAAERSREPGSPRLTEGRRKPTKAEVQATLLLPGEAFRFLVSPPELKDRKEDAKGMEDEGQTKIKQRRSRTNFTLEQLNELERLFDETHYPDAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQLHKGVLLIGAASQFEACRVAPYVNVGALRMPFQQDSHCNVTPLSFQVQAQLQLDSAVAHAHHHLPHLAAHAPYMMFPAPPFGLPLATLAADSASAASVVAaaaaaaKTTSKNSSIADLRLKAKKHAAALGL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SHOX2

Entrez GeneID	6474
GeneBank Accession#	BC008829.2
Protein Accession#	AAH08829.1
Gene Name	SHOX2
Gene Alias	OG12, OG12X, OG12X, SHOT
Gene Description	short stature homeobox 2
Omim ID	602504
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]</p>
Other Designations	SHOX homologous gene on chromosome 3 short stature homeobox homolog